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APR 1 1 2002

TECH CENTER 1600/2900

SEQUENCE LISTING

<110> Bonnert, Timothy Peter

<120> HUMAN VANILLOID RECEPTOR-LIKE RECEPTOR

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Jul >

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tacgtgctgc tcacctacat cctgctgctc aacatgctca tcgccctcat gagcgagacc
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Gly Ser Gly Leu Pro Pro Met Glu Sar Gln Phe Gln Gly Glu Asp Arg
                             40
Lys Phe Ala Pro Gln Ile Arg Val Asn\Leu Asn Tyr Arg Lys Gly Thr
                        55
                                             60
Gly Ala Ser Gln Pro Asp Pro Asn Arg Ahe Asp Arg Asp Arg Leu Phe
                    70
                                         75
Asn Ala Val Ser Arg Gly Val Pro Gly Ala Gly Gly Ala Thr Cys Thr
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Gly Gly Cys Thr Gly Gly Ala Cys Thr Thr m{\zeta}ys Cys Ala Gly Ala Gly
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Thr Ala Cys Cys Thr Gly Ala Gly Cys Ala Ala Gly Ala Cys Cys Ala
        115
                             120
Gly Cys Ala Ala Gly Thr Ala Cys Cys Thr Cys\Ala Cys Cys Gly Ala
                        135
Cys Thr Cys Gly Glu Asp Leu Ala Gly Leu Pro 🗘 u Tyr Leu Ser Lys
                    150
                                         155
145
Thr Ser Lys Tyr Leu Thr Asp Ser Glu Tyr Thr Glt Gly Ser Thr Gly
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                165
Lys Thr Cys Leu Met Lys Ala Val Leu Asn Leu Lys
                                                 Asp Gly Val Asn
                                 185
                                                     190
Ala Cys Ile Leu Pro Leu Leu Gln Ile Asp Arg Asp Soldsymbol{a}r Gly Asn Pro
                             200
Gln Pro Leu Val Asn Ala Gln Cys Thr Asp Asp Tyr Tyr√Arg Gly His
                         215
                                             220
Ser Ala Leu His Ile Ala Ile Glu Lys Arg Ser Leu Gln dys Val Lys
225
                                         235
Leu Leu Val Glu Asn Gly Ala Asn Val His Ala Arg Ala Cy's Gly Arg
Phe Phe Gln Lys Gly Gln Gly Thr Cys Phe Tyr Phe Gly Glu Leu Pro
                                 265
                                                     270
Leu Ser Leu Ala Ala Cys Thr Lys Gln Trp Asp Val Val Ser Tyr Leu
        275
                             280
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Sul C'

Leu Glu Asn Pro His Gln Pro Ala Ser Leu Gln Ala Thr Asp Ser Gln Gly Asn Thr Val Leu His Ala Leu Val Met Ile Ser Asp Asn Ser Ala Glu Asn Ile Ala Deu Val Thr Ser Met Tyr Asp Gly Leu Leu Gln Ala Gly Ala Arg Leu Cys Pro Thr Val Gln Leu Glu Asp Ile Arg Asn Leu Gln Asp Leu Thr Pro Deu Lys Leu Ala Ala Lys Glu Gly Lys Ile Glu Ile Phe Arg His Ile Le ψ Gln Arg Glu Phe Ser Gly Leu Ser His Leu Ser Arg Lys Phe Thr Glu Trp Cys Tyr Gly Pro Val Arg Val Ser Leu Tyr Asp Leu Ala Ser Val Asp Ser Cys Glu Glu Asn Ser Val Leu Glu Ile Ile Ala Phe His Cys Lys \Ser Pro His Arg His Arg Met Val Val Leu Glu Pro Leu Asn Lys Leu Lau Gln Ala Lys Trp Asp Leu Leu Ile Pro Lys Phe Phe Leu Asn Phe Leu\Cys Asn Leu Ile Tyr Met Phe Ile Phe Thr Ala Val Ala Tyr His Gln Pto Thr Leu Lys Lys Gln Ala Ala Pro His Leu Lys Ala Glu Val Gly Asn\Ser Met Leu Leu Thr Gly His 90 Ile Leu Ile Leu Leu Gly Gly Ile Tyr Leu Val Gly Gln Leu Trp Tyr Phe Trp Arg Arg His Val Phe Ile Trp\Ile Ser Phe Ile Asp Ser Tyr Phe Glu Ile Leu Phe Leu Phe Gln Ala Lau Leu Thr Val Val Ser Gln Val Leu Cys Phe Leu Ala Ile Glu Trp Tyr\Leu Pro Leu Leu Val Ser Ala Leu Val Leu Gly Trp Leu Asn Leu Leu Tyr Tyr Thr Arg Gly Phe Gln His Thr Gly Ile Tyr Ser Val Met Ile Gln Lys Val Ile Leu Arg Asp Leu Leu Arg Phe Leu Leu Ile Tyr Leu Val Ahe Leu Phe Gly Phe Ala Val Ala Leu Val Ser Leu Ser Gln Glu Ala Tra Arg Pro Glu Ala Pro Thr Gly Pro Asn Ala Thr Glu Ser Val Gln Pro Ket Glu Gly Gln Glu Asp Glu Gly Asn Gly Ala Gln Tyr Arg Gly Ile Leu Glu Ala Ser Leu Glu Leu Phe Lys Phe Thr Ile Gly Met Gly Glu Leu Ala Phe Gln Glu Gln Leu His Phe Arg Gly Met Val Leu Leu Leu Leu Leu Ala Tyr Val Leu Leu Thr Tyr Ile Leu Leu Leu Asn Met Leu Ile Ala Leu Met Ser Glu Thr Val Asn Ser Val Ala Thr Asp Ser Trp Ser Ile Tap Lys Leu Gln Lys Ala Ile Ser Val Leu Glu Met Glu Asn Gly Tyr Trp

July Cost

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730
                725
Trp Cys Arg Lys Lys Gln Arg Ala Gly Val Met Leu Thr Val Gly Thr
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            740
Lys Pro \Asp Gly Ser Pro Asp Glu Arg Trp Cys Phe Arg Val Glu Glu
                            760
Val Asn Top Ala Ser Trp Glu Gln Thr Leu Pro Thr Leu Cys Glu Asp
                        775
                                             780
Pro Ser Gly Ala Gly Val Pro Arg Thr Leu Glu Asn Pro Val Leu Ala
                    790
                                         795
Ser Pro Pro\Lys Glu Asp Glu Asp Gly Ala Ser Glu Glu Asn Tyr Val
                                     810
                805
Pro Val Gln Neu Leu Gln Ser Asn
            920
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Jul Ch

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and and

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agagtcaacc tcaaactacc g
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but the cont

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